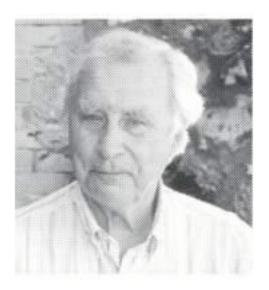






CONSERVATION THROUGH POVERTY ALLEVIATION, INTERNATIONAL ANNUAL REPORT 2017



In memory: We regret to announce that Walter Simons, a member of the CPALI board of directors since its inception, has died. Walter died peacefully in his home in the Berkshires on February 16th, surrounded by his family. Born in Yonkers, New York, he was a 1952 graduate of Dartmouth College and received his Masters degree from New York University. Walter's international career began in Indonesia, as the director of communications for Standard Oil. He went on to work as the Deputy Executive Secretary for ICP, a division of the Food and Agriculture Organization of the United Nations based in Rome, Italy. Upon returning to the United States, Walter founded the Industry Council for Development, an NGO dedicated to agricultural development in third world countries. An accomplished artist, Walter had studios in Italy and the Berkshires. He was a long-time member of the Art Students League of New York City. He is survived by his daughters. Alexandra Houston, Hilary Simons, their spouses and his six grandchildren. Walter shared his passion for other cultures with his wife, children, and grandchildren. He will be remembered as a person of intellectual curiosity with a commitment to sustainable use of natural resources to empower global communities. Walter's gentle and generous spirit improved the world, enriched his relationships, and informed his art. We miss him greatly.

Front page illustration: Upper left, Makira sun and moons; upper right, loom weaving by Katie; middle right, Mamy and Lalaina at NY Now; middle left, Textiles under scrutiny at Urban Zenn (Donna Karan); lower left, insects for food team; lower right, Mamaline sewing silk textile.

CPALI MISSION

Conservation through Poverty Alleviation, International (www.CPALI.org) is an international, non-profit organization that identifies, develops and implements new means of income generation for impoverished farmers living in areas of high biodiversity and conservation value. We were founded in 2002, incorporated in Massachusetts in 2003, and approved as a provisionary 501(c)(3) by the US Internal Revenue Service in 2004. CPALI achieved permanent 501(c)(3) status in 2007.

CPALI is dedicated to a community-centered approach to conservation. Our mission is to help impoverished communities farm and transform endemic resources to create sustainable enterprises that benefit farm families and protect endangered ecosystems.

The CPALI vision is to build and test the effectiveness of an innovative, environment-conserving enterprise. We have divided our efforts into four areas:

- · Piloting a silk gardening and textile production enterprise in northeastern Madagascar
- International marketing of the wild-silk products from Madagascar
- Building recognition that endemic resource farming can be a successful conservation strategy
- Building SEPALI Madagascar to be a self-supporting conservation enterprise

Resources and Products: The CPALI method begins with identifying native species of plants and animals near the borders of protected areas that can be farmed and developed for commercial products. CPALI's first product was silk cocoons produced by the native silk moth, *Antherina suraka*. Since that time we added *Ceranchia apollina* and a number of other species.

In 2017 we extended our product base to include *Bombyx mori* as well as two additional native species of silkworms as well as raffia and raffia textiles. Raffia is a product of the Raffia palm of which there are about 20 species in Madagascar. We are currently germinating raffia seeds to plant a raffia nursery.

Human Organizations and Incentive Structure: In Maroantsetra, we helped establish an independent local NGO, "Sehatry ny Mpamokatra Landy Ifotony" (Association of Wild Silk Producers of Madagascar), or SEPALIM, which manages training, raw materials growth and distribution, textile production, cocoon purchases and develops additional income opportunities. In 2015 SEPALI Madagascar established a product workshop that now employees approximately 11 artisans.

LETTER FROM THE PRESIDENT

Dear Friends and Colleagues,

In 2017 the CPALI program focused on continuing with product development and market training. As a result we made several changes both in the silk producing species we are working with as well as the products.

In March, we took a brief hiatus from silk production to throw ourselves into the relief effort following cyclone Enawo, the most devastating cyclone to hit Madagascar in 13 years. Together with our donors, we supported immediate water and sanitation needs in our region, addressed food security challenges and rebuilt bridges and infrastructure. SEPALI purchased and shipped 8 mattress to a community hospital.

Despite the difficulties the hurricane wrought, the SEPALI team seems to have rebounded. Mamy Ratsimbazafy and Lalaina Raharindimby traveled to New York to participate in the NY Now training program as planned. The training program focused on product development and marketing. In addition, seasoned buyers in artisan industries critiqued our products. Lalaina told me she finally understands the program's potential and she and Mamy are greatly energized!

Changes in silk program: We suspended the original (Antherina suraka) moth-breeding program because the farmers were unable to spend sufficient time in the field during the caterpillar growing season. We discovered that many farmers' fields are distant from their homes and needed to walk 1-2 hours there and back so tending the caterpillars was not feasible. Therefore, while we will still purchase A. suraka cocoons from farmers who can produce them, we are working to adopt four new species of caterpillars (and sources of cocoons) that are much better adapted to famers' lifestyles and do not require active tending. Two species are found in the Maroantsetra/Makira area and two species are found near the capital, Antananarivo (Tana). We will be trying to farm those silkworms in the future, but with a slightly different model.

Bombyx mori initiative: Thanks to Mamy's efforts, we now have a Tana team whose members are organizing Bombyx mori farmers. Bombyx, domesticated silkworms, were introduced into Madagascar in the 1880's and have been integrated into the culture. We will not be training farmers to farm them, but instead, purchase cocoons and pupae from farmers who have lost their market. We hope to corral this "waste" and incorporate it into our product line.

Addition of raffia weaving: To address the seasonality of the cocoon harvest, the team is working to introduce a new program of raffia production and weaving to shore up our textile offerings in the months that cocoons are not available. In addition to bolstering our product line, we hope that we will be able to revitalize raffia farming and weaving, a fading art in Maroantsetra. In the mean time we are developing products by purchasing woven raffia from another village outside of the capital. To build the program in Maroantsetra the team started a raffia seedling nursery and is teaching farmers who currently own raffia trees how to harvest the palm leaves sustainably that SEPALI can purchase.

In addition, Mamy and Kerry O'Neill wrote a grant proposal that was funded by the US Ambassador's fund to purchase supplies to build a large standing loom for raffia weaving. Docey Lewis, our designer and product consultant, taught the team how to build a loom out of bamboo and recycled plastic water bottles. The team copied it using longer lasting materials. We hope to build several more and send them to the villages where the farmers live. Docey will continue to develop the artisans weaving skills using both Egyptian card weaving techniques as well as the looms.

Insects for food initiative: The people of Madagascar are malnourished and bush meat hunting is a widespread threat to Madagascar's wildlife, terrestrial and marine. *Gryllus* nr madagascariensis is a widespread species of cricket in Madagascar. Brian Fisher (IPSIO) and Darren Goldin (Entomo Farms) are teaching us and others how to raise crickets in Madagascar commercially. Our plan is to produce cricket protein powder to add to snack foods and nutritional additives. Cricket powder is a valuable additive to current disaster relief foods because it contains essential nutrients and vitamins not currently included in the mix.

While we will not start trying to raise crickets in Maroantsetra, Mamy and one of our farmers will continue to experiment raising native insect species. Fenozara Justin is in charge of the project and has been gathering seeds and planting the host plant for the insect. The insect, a fulugorid or leaf-hopper, was eaten in the past and we hope to rejuvenate interest in the coming year.

Marketing initiatives: We are happy to report that our total sales for 2017 were \$28,953 exceeding.last year's sales of about \$20,000. While these returns do not support marketing, travel and product development, we feel confident that through increased training and marketing we will be able to attain our goal of \$45000/year. Our marketing strategy in 2018 will focus on selling wholesale materials such as silk textiles, papers and raffia. The strategy streamlines our production process and makes it easier for Mamy and Lalaina to train artisans in Madagascar, increase production volumes and develop and maintain market connections with companies. We do not have the capacity to produce finished products in Madagascar (with the exception of placemats and table runners) but we can sell materials to producers outside of Madagascar to transform into their own products. We also have the capacity to make works of art raffia and silk art pieces.

In the coming year we will also begin marketing efforts in France. Mamy and Lalaina are more comfortable marketing in a French speaking country. In short, the changes that we are making will give the SEPALI team more direct management of the project, make it easier for them to be successful, and help us to develop a sustainable long-term business.

Conservation and Education: The CPALI/SEPALI Madagascar program is focused on farming locally available plants and animals, helping school children find new ways to appreciate their environment and identifying markets in which to sell products produced in the SEPALI workshop. Our conservation activities exclude monitoring the Makira Protected Area, engaging

in conducting species counts, purchasing new land to extend reserve boundaries. That work is conducted by the Wildlife Conservation Society. While we support those activities, CPALI's efforts focus on finding ways to support the people living in the area so that they do not need to harvest reserve resources. To date we monitor our impact based on the number of trees planted, the earnings of farmers and artisans and the sustained buyers and products we market.

CPALI TIMELINE

2003	Cay's first visit to Madagascar Initial meeting with potential stakeholders and partners in Madagascar CPALI established as 501(c)3
2004	Field surveys at Ranomafana National Park
	Rainforest silk cooperative established
	CPALI board writes strategic plan
2006	Field surveys in Makira/Masoala
	CPALI House established in Maroantsetra
2007	Experimental work at CPALI House; Mamy Ratsimbazafy, SEPALIM's current director, identifies A. suraka host tree Field trials continue
	Permanent field team organized Demonstration sites established in Maroantsetra
	Three initial target species identified
2008	Second demonstration site and nursery is organized at Manambia Mamy completes CPALI training manual
	CPALI competes at the World Bank Development Marketplace
	CPALI achieves permanent 501(c)3 status
	Farmer nursery established in Ambodivoagany
2009	3-year contracts with first farmers
	7 additional farmers join the project
	First farmer in Amboidivoagany completes transplant of 1,000 trees First crop of cocoons sold and exported to Thailand
	First crop of cocoons sold and exported to Thailand
2010	Sehatry ny Mpamokatra Landy Ifotony Madagascar (SEPALIM) is founded by Mamy Ratsimbazafy, (current SEPALIM Director) SEPALIM introduces silk program in 3 new communities: Marovovonana, Ambinentelo, Amblalmahago Provisional Patent filed for non-spun textile Non-spun textile juried and accepted into Material ConneXion's Worldwide libraries
2011	CPALI skirt appears in Tara St. James Collection, Fashion Week, NYC
	SEPALIM begins publishing monthly newsletters for farmers
	Tom Corcoran's CPALI film wins \$10,000 prize to support SEPALIM programs
	Peace Corps volunteer Kerry O'Neill joins SEPALIM in Madagascar Lalaina Raharindimby appointed to organize women's program
	45 farmers plant a minimum of 250 trees and are awarded SEPALM t-shirts
	10 breeders receive ponchos and rain-proof notebooks to keep records
	60 women participating in artisan groups are paid for making baskets and nets to support farmers
	Lead farmer and lead artisan programs established
	First farmer's picnic and awards ceremony

	A.C
	4 farmers produce cocoons
	SEPALIM receives SEED Award (UNEP, UNDP, UNESCO)
	SEPALIM Equator Initiative Finalist
2012	SEPALIM purchases permanent demonstration site
	15 farmers produce cocoons
	Partnership with Stanford Design School; 4 students visit SEPALIM for 2 weeks and
	discuss new products and more efficient ways to make them
	Farmer communities extend to Mahalevona and other sites that border Masoala
	National Park
	First Global Giving project completed after reaching its \$50,000 target!
	SEPALIM bank accepts its first cocoon "deposits"
	William Barclay joins the CPALI board
	Cornell University partners with CPALI/SEPALIM to sample soil from farmer sites and
	initiate a long-term monitoring program
2013	28 farmers produce cocoons (to date)
	300 farmers join SEPALIM
	SEPALIM welcomes second Peace Corp volunteer, Donald Quinn-Jacobs
	CPALI expands its program mission to include the integrated production of natural
	resources for food and cash
	SEPALIM begins training and introduction of insects for protein
	SEPALIM initiates biological studies on Ceranchia apollina, a new species of silk-
	producing moth
	SEPALIM sells 25 m of non-spun textile to Habu Textile
	James Toupin joins CPALI
	CPALI self-imposes an audit by Tonneson and Company
	Kerry O'Neill joins CPALI as Assistant Director
	Heidi MacClean joins the CPALI board
	CPALI partners with dConstruct
	of ALI partificis with decristrate
2014	32 Farmers producing cocoons, plus 25 collecting cocoons
	CPALI product debut at DWELL Trade Show in Los Angeles
	dConstruct wins eco-choice award from New York Now for wild silk jewelry
	Architects for Humanity partner with CPALI and design a training center for the
	Maroantsetra demonstration site
	CPALI products are re-approved as Fair Trade by the Fair Trade Federation
	Repeat textile sales to Habu Textiles and dConstruct jewelry company
	CPALI introduces Insects for Food program to farmers
	Manoely Denis finds the previously rare Ceranchia apollina in abundance and organizes 3
	communities to collect cocoons and raise pupae
	May Berenbaum, member of CPALI founders board, receives National Medal of Science
	from President Obama
	First farmers double their average annual household income
	<u> </u>
2015	James Toupin elected President of CPALI Board
	SEPALIM team begins experimenting with both natural and artificial dyes

CPALI joins the Lemur conservation network

CPALI debuts at the Architectural Digest's Home Design Show with Karen Brown CPALI attends the Fair Trade Federation conference

CPALI is featured in Hand-Eye magazine and ASPIRE magazine

Karen Brown's silk chair "Natural Selection" is auctioned off for \$1,600 dollars

Moth Matching Kickstarter campaign is launched and funded

dConstruct launches a new jewelry line of SEPALIM silk in green and purple

Mamy's rearing book is translated into English

Tim Barclay's children's book on wild silk farming translated into Malagasy CPALI silks are Certified Wildlife Friendly

CPALI develops table runners and placemats - sells the first line to ABC Carpet and Home CPALI launches a wholesale site

International design consultant Docey Lewis begins to experiment with SEPALIM silks and creates a new line of dyed products

CPALI sells over \$20,000 of silk in 2015 to individuals and retailers

SEPALIM silk production increases from 300 meters in 2014 to 490 meters in 2015 SEPALIM's silk production workshops run every week in 2015 with a team of local artisans

Docey Lewis travels to Madagascar to teach SEPALI Madagascar how to dye textiles

Pricing of textiles re-evaluated and lowered to increase volume sales

Raffia textiles are adopted into product mix

Madagascar team receives a grant from US Embassy in Madagascar to purchase looms and sewing machines to take program directly to villages for 2017

Docey Lewis develops 6 product lines for SEPALI that include lighting materials, handbags, gift ties & tags, textile arts for the leisure industry and fine arts & art papers CPALI establishes commercial partnerships with Color by Amber and Gold Leaf Design SEPALI becomes a Full Circle partner

Rouge Foundation, WCS and CPALI establish children's conservation art program Landy Dia, silk farming book by Tim Barclay, is introduced in village schools and libraries; SEPALI Madagascar holds two group readings at its headquarters

Rogue Foundation, CPALI and WCS auction paintings and SEPALI Madagascar's textile arts at the Rogue Gallery in New York

CPALI's donors surpass all previous giving allowing Docey Lewis to return to Madagascar in 2017 and continue team training

CPALI begins to build Tanana brand

2017 | SEPALI introduces raffia and woven textiles into its product lines

Cyclone Enawo devastates northeastern Madagascar on 3 March 2017

CPALI donors donate over \$5000 to aid in water and sanitation recovery,

SEPALI purechases and ships mattresses for local hospitals

SEPALI contributes to bride repear

Docey Lewis and Catherine Craig return to Madagascar to hold the 3rd workshop

Docey teaches the SEPALI team how to build a standing loom t

Standing loom is copied with permanent matierials h

US Ambassador's fnd provides support to purchase additional looms for villages Docey Lewis shows CPALI/SEPALI cocoon textiles at NY ICFF artisan showcase

Donna Karan purchase textiles for Urban Zen

IBU designs and sells shibori raffia cosmetic bags made by Madagascar and US teams
Mamy and Lalaina participate in Aid to Artisans Market readiness program in New York

The Santa Fe College Teaching Zoo and Seneca Park Zoo donate small grants to CPALI CPALI begins an Insects for Food partnership at the Madagascar Biodiversity Center

SEPALI moves the office and demonstration site to a new location in Maroantsetra

SEPALI plants Tsidimy seeds, begins raising "Sakondry" at the SEPALI demonstration site

SEPALI experiences its biggest year yet for silk sales and production

MARKET REPORT

The major objective of the 2017 marketing year was to introduce silk and raffia textiles at more saleable prices than we had been able to in 2015 and to begin to build product lines with existing buyers. Our total sales in 2017 summed to \$28,953.98. Our product development and marketing costs, however, totaled \$40,000 with our biggest expenses being travel, a 20 day product workshop and product consulting. Without the workshop, travel and product consulting, however, we would not have had any sales at all. In the coming year we hope to continue to earn a return on these investments through continued and new sales of silk and raffia materials we developed last year while developing new types of silk textiles in 2018.

Our best selling pieces during that past year were to our continuing partnerships with two jewelry companies, <u>dConstruct</u> and Color by Amber. In addition, ABC carpet and home continues to sell open weave silk placemats and table runners in natural color and last year expanded their selection to include silver-grey placemats and runners. In addition, we sold wall panels to Gold Leaf Design and Urban Zen.

Finally, in 2017 Mamy Ratsimbazafy and Lalaina Rahirandimby traveled to New York to participate in a market-training course. In the coming year we hope to participate in the New York Now tradeshow in August when we have a stocks replenished. We will apply through the Artisan Resource Program in New York as we continue to search for new market outlets in France.

Our long-term goal is for SEPALI Madagascar to be fully functional and independent by 2020. That means we have begun to work to establish direct partnerships between SEPALI Madagascar and buyers. In the coming year we plan to introduce FOB sales and hence buyers will be able to purchase directly from SEPALI Madagascar. This will allow buyers to purchase larger volumes of goods that can be shipped directly to them and not through CPALI.

Table 1. Market Summary by Year						
	Total	Unique				
Year	Customers	Customers	Target	Gross Total	Net Total	
2013	10	9	\$3,000.00	\$4,098.27	\$4,097.75	
2014	19	17	\$6,000.00	\$4,498.18	\$4,452.71	
2015	62	46	\$12,000.00	\$21,022.18	\$20,749.65	
2016	52	31	\$24,000.00	\$16,463.00	\$15,209.00	
2017	73	44	\$24,000.00	\$ 28,953.98	\$28,672.44	

CPALI Profit & Loss

January through December 2017

	Jan - Dec 17		
4000 · Contributions Income 4010 · In Kind Contributions 4050 · Restricted	2,340.87		
4051 · Global Giving	21,564.76		
Total 4050 · Restricted	21,564.76		
4000 · Contributions Income - Other	80,378.37		
Total 4000 · Contributions Income	104,284.00		
4300 · Wild Silk Markets 4700 · Miscellaneous Income 4800 · Dividend Income 4900 · Interest Income	25,574.56 28.00 2,037.83 225.65		
Total Income	132,150.04		
Expense 6701 · Payroll Tax 6702 · Payroll Processing Fees 6700 · Payroll Expense - Wages 8000 · Maroantserta Disaster Relief 6100 · Wildsilk Markets 6160 · Commission 6101 · Postage Outbound 6120 · Product Development 6126 · Meals 6124 · Supplies 6125 · Travel 6127 · Consulting Prod Dev 6120 · Product Development - Other	982.91 181.80 10,117.06 3,000.00 3,024.75 2,308.04 364.26 1,406.42 9,027.72 1,484.35 5,225.38		
Total 6120 · Product Development	17,508.13		
6150 · Product Marketing 6161 · Website 6150 · Product Marketing - Other	33.05 17,802.52		
Total 6150 · Product Marketing	17,835.57		
Total 6100 · Wildsilk Markets	40,676.49		

CPALI Profit & Loss

January through December 2017

	Jan - Dec 17
6200 · Fund raising 6213 · Communication 6214 · Gift Purchases 6218 · Fundraising Subscriptions	40.00 -56.98 793.50
Total 6200 · Fund raising	776.52
6500 · CPALI G&A 6513 · Communication - G&A 6502 · Research 6501 · Accounting 6505 · Bank Fees - G&A 6507 · Consulting G&A 6510 · Dues 6520 · Legal Fees 6525 · Miscellaneous 6550 · Office Expenses 6555 · Reimbursements 6565 · Seminars/Training 6570 · Supplies and Software 6575 · Telephone 6580 · Travel (overhead travel)	1,879.07 617.50 1,750.00 502.22 3,007.81 275.00 70.00 192.97 554.07 0.00 3,850.58 42.73 75.00 9,062.39
Total 6500 · CPALI G&A	21,879.34
6600 · Program Expense - Madagascar 6660 · Seminars & Training 6605 · Bank Charges 6610 · Computer Services 6625 · Field Supplies 6650 · SEPALI	5,000.00 926.20 306.84 1,482.82 38,640.00
Total 6600 · Program Expense - Madagascar	46,355.86
Total Expense	123,969.98
Net Ordinary Income	8,180.06
Net Income	8,180.06

Net

DONORS AND GRANTS 2017

We have been fortunate in obtaining funds from several extremely generous family donors, family foundations and individuals. Below we thank our donors from 2017:

\$10,000-\$30,000

Barclay Family Trust The Kenney Family

\$1,000-\$9,999

Diana Wheeler

Diane Monico

Jane Pidduck

John and Kathleen Beilein

May Berenbaum

Caroline Kenney

Sally Brown

Helen Kenney

Pletra Stilton and Michael

Listgarten

William Kenney

Judith Munzig

Santa Fe College Teaching Zoo

Seneca Park Zoo

Carolyn Pidduck

Diane Monico

Jane Pidduck

\$500-\$999

Brent Opell

J. Lawrence Wiberg

Darlene Benzon

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